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 => s 435/4/ccls  
 L1 1583 435/4/CCLS  
 => s 435/69.1/ccls  
 L2 3908 435/69.1/CCLS  
 => s 435/172.1/ccls  
 L3 2 435/172.1/CCLS  
 => s 435/368/ccls  
 L4 49 435/368/CCLS  
 => s 435/320.1/ccls  
 L5 5870 435/320.1/CCLS  
 => s 435/455/ccls  
 L6 123 435/455/CCLS  
 => s 11-16  
 L7 8933 (L1 OR L2 OR L3 OR L4 OR L5 OR L6)  
 => s 17 and presenilin?  
 3 PRESENILIN?  
 L8 1 L7 AND PRESENILIN?  
 => d  
 1. 5,840,540, Nov. 24, 1998, Nucleic acids encoding \*\*presenilin\*\*  
 II;  
 Peter H. St. George-Hyslop, et al., \*\*435/69.1\*\* 252.3, \*\*320.1\*\*,  
 325;  
 530/350; 536/23.1, 24.3 [IMAGE AVAILABLE]  
 => d ab  
 US PAT NO: 5,840,540 [IMAGE AVAILABLE] L8: 1 of 1

ABSTRACT:  
 The present invention describes the identification, isolation and  
 cloning  
 of two human \*\*presenilin\*\* genes, PS-1 and PS-2, mutations in  
 which lead  
 to Familial Alzheimer's Disease. Also identified are \*\*presenilin\*\*  
 homologue genes in mice, C. elegans and D. melanogaster. Transcripts  
 and  
 products of these genes are useful in detecting and diagnosing  
 Alzheimer's disease, developing therapeutics for treatment of  
 Alzheimer's  
 disease, as well as the isolation and manufacture of the protein and the  
 constructions of transgenic animals expressing the mutant genes.  
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 L11 16 L10 AND PC12  
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 [IMAGE  
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